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INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 344-P-16-PCT	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US98/22022	International filing date (day/month/year) 19 OCTOBER 1998	(Earliest) Priority Date (day/month/year) NONE
Applicant DRUMMOND, WILLIAM H.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 2 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (See Box I).
2. ☐ Unity of invention is lacking (See Box II).
3. ☐ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing

☐ filed with the international application.
☐ furnished by the applicant separately from the international application,

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ transcribed by this Authority.
4. With regard to the title,

☒ the text is approved as submitted by the applicant.
☐ the text has been established by this Authority to read as follows:
5. With regard to the abstract,

☒ the text is approved as submitted by the applicant.
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. The figure of the drawings to be published with the abstract is:

Figure No. _____ ☐ as suggested by the applicant. ☐ None of the figures.
☐ because the applicant failed to suggest a figure.
☐ because this figure better characterizes the invention.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US98/22022

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) : A61F 13/00

US CL : 424/443

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 424/443

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

APS

search terms: film, polymer, skin, evaporation, gel, fluid

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 4,247,547 A (MARKS) 27 January 1981, see entire document.	1-6
Y	US 4,533,540 A (BLANK) 06 August 1985, see entire document.	1-6
Y	US 4,826,677 A (MUELLER et al) 02 May 1989, see entire document.	1-6
Y	US 4,913,897 A (CHVAPIL et al) 03 April 1990, see entire document.	1-6
Y	US 5,013,769 A (MURRAY et al) 07 May 1991, see entire document.	1-6

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	*T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search

18 MARCH 1999

Date of mailing of the international search report

01 APR 1999

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Facsimile No. (703) 305-3230

Authorized officer

GABRIELLE BROUILLETTE

Telephone No. (703) 308-1235



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<p>(21) International Application Number: PCT/US98/22022</p> <p>(22) International Filing Date: 19 October 1998 (19.10.98)</p> <p>(71) Applicant (for all designated States except US): ZILA, INC. [US/US]; 5227 North 7th Street, Phoenix, AZ 85014-2800 (US).</p> <p>(71)(72) Applicant and Inventor: ROSE, Seth, D. [US/US]; 613 E. Balboa Drive, Tempe, AZ 85282 (US).</p> <p>(72) Inventor; and</p> <p>(75) Inventor/Applicant (for US only): DRUMMOND, William, H. [US/US]; 104 Via Havre, Newport Beach, CA 92663 (US).</p> <p>(74) Agent: DRUMMOND, William, H.; Drummond & Duckworth, Suite 500, 4590 MacArthur Boulevard, Newport Beach, CA 92660 (US).</p>		<p>(81) Designated States: AU, CA, CN, IL, JP, KR, MX, NO, RU, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). <i>See 20</i></p> <p>Published With international search report.</p> <p>RECEIVED JUN 08 2001 TECHNICAL 1600/2900</p>
<p>(54) Title: METHOD AND COMPOSITIONS FOR <i>IN SITU</i> FORMATION OF PROTECTIVE AND/OR MEDICATED FILMS ON BODY TISSUE</p> <p>(57) Abstract</p> <p>Methods and compositions for forming protective and/or medicated films on body tissue. Liquid compositions contain a hydrophobically modified polymer, other than an esterified lower-hydroxyalkyl-substituted cellulose, suspended or dissolved in a solvent. The modified polymer is soluble in the solvent but insoluble in body fluids. The compositions may optionally contain a separate medicinal component, i.e., one which is present in addition to any medications, if any, present in the solvent, in the modified polymer and in any other additive components such as flavors, skin penetrants, preservatives, other solvents for the additives, etc. A protective and/or medicated film is formed <i>in situ</i> upon body tissue by applying the liquid composition to the tissue and separating the solvent from the composition, e.g., by vaporization.</p>		

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